

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	350	(717/109).cccls. and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/07/15 09:28
S2	0	S1 and ((thread execution) same (critical path))	US-PGPUB; USPAT	ADJ	ON	2007/01/20 12:19
S3	0	S1 and ((thread\$1) same (critical path))	US-PGPUB; USPAT	ADJ	ON	2007/01/20 12:19
S4	0	S1 and ((thread\$2) same (profiling))	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:50
S5	2646	profil\$3 near2 thread\$2	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:51
S6	2	S5 and (critical path)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:56
S7	376	S5 and (efficiency or optimization)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:58
S8	13	S7 and (thread execution)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:56
S9	347	S5 and (efficiency or optimization) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:15
S10	9	S9 and (thread execution)	US-PGPUB; USPAT	ADJ	ON	2007/01/20 13:58
S11	2646	profil\$3 near2 thread\$2	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:15
S12	328	S11 and (signal) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:15
S13	0	S11 and (signal same prioroty) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:16
S14	0	S11 and (signal same priority) and (@ad<"20031014" or @prad<"20031014" or @rlad<"20031014")	US-PGPUB; USPAT	ADJ	ON	2007/01/22 08:16
S15	1	("6904597").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/22 13:26
S16	0	("thread\$1same(forksamesignal)") .PN.	US-PGPUB; USPAT	OR	OFF	2007/01/22 13:26
S17	500	thread\$1 and (fork same signal)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 13:27

## EAST Search History

S18	1	thread\$1 and (fork same signal same resume same block same suspend)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 13:28
S19	7	thread\$1 and (fork same signal same resume)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:04
S20	113	thread\$1 same (inter-thread communication\$1)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:04
S21	0	thread\$1 same (inter-thread communication\$1) same (profiling)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S22	0	thread\$1 same (inter-thread communication\$1) same (profiling)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S23	0	thread\$1 same (inter-thread communication\$1) same (optimization)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S24	0	thread\$1 same (inter-thread communication\$1) same (tuning)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S25	113	thread\$1 same (inter-thread communication\$1)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:05
S26	12	thread\$1 same (inter-thread communication\$1) same (signal)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:07
S27	0	thread\$1 same (inter-thread communication\$1) same (signal and fork)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:07
S28	0	thread\$1 same (inter-thread communication\$1) same (signal and resume)	US-PGPUB; USPAT	ADJ	ON	2007/01/22 14:08
S29	2	profiling threaded program\$1	US-PGPUB; USPAT	ADJ	ON	2007/07/15 09:53
S30	2	("20060150162").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/15 14:19
S31	2	("20060090103").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/15 14:19

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critical path profiling based on thread events

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This prevents unnecessary **critical path** tree updates for messages that did not cause a cross **thread event**. [0054] In an embodiment of a **thread profiler**, ...

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**Methods and apparatus for profiling threaded programs - Patent ...**

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section, we review how to compute **critical path profiling** ... **Critical Path**. Process: A **thread** of execution with its own address space. **Event**: ...

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ways feasible to log the **events** necessary to compute the **critical path profile** nor to explicitly build this graph. To make **critical path profiling** ...

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the algorithm finds the **event** by **thread j** that released **thread i**. ..... J. Hollingsworth,

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**Intel® VTune™ Performance Analyzer 9.0 for Linux\* - Intel ...**

Quickly locate the **critical path** and navigate the **profiling** results easily using both ...

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and identifies the **critical path** through the program. It provides an algorithmic view, locating the ... As with Time- and **Event-Based** Sampling, the VTune ...

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**Critical path** analysis (CPA) for TCP transactions ... not true for **events** off the CP.

**Profiling** the CP for TCP enables accurate assignment of delays to: ...

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**Event-based** sampling finds your bottleneck with very low overhead (typically less than 5 percent). ... Call Graph **Profiling** – **Critical path** shown in red. ...

[www.cluster-competence-center.com/.../vtune\\_analyzers/](http://www.cluster-competence-center.com/.../vtune_analyzers/)

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Unfortunately, ordinary **profiling** tools, such as Quantify [7], does not consider the ....

**Event. Thread. Start time. Length. Part of Critical Path Category** ...

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the actual execution rather than depending on **profiling** with ... dynamic behavior does change as **critical-path based** opti- ...

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context-**thread event** traces that can be merged to produce SLOG, SDDF, Paraver, ... automatically transforms the traces into a compact call-**path profile** ...

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**Libra: Focusing Processor Policies via Critical-Path Prediction**

**Profile-Based** Dynamic Voltage and Frequency Scaling for a Multiple Clock Domain ... in domains that are not currently on the application's **critical path**. ...

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**Helper Threads via Virtual Multithreading**

These speculative **threads** attempt to trigger future cache miss **events** far ..... misses from the main **thread's critical path** onto the helper **thread**: 48.8 ...

[doi.ieeeecomputersociety.org/10.1109/MM.2004.75](http://doi.ieeeecomputersociety.org/10.1109/MM.2004.75) - [Similar pages](#)

**CS Events for the Week of September 30**

Simultaneously, it mitigates the need for good **path profiling** information ... Next by Date:,

Today's **Events**, CS Dept. Talks. Previous by **Thread**:, **CS Events** ...

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**CS Events for the Week of April 23**

We propose a hybrid h/w-s/w **profiling** model to address this problem. ... Next by Date:,

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prefetching [27] **based** on **profile-guided** feedback. Where ap- .... the helper **thread critical path** length. From this data we ...

[www.princeton.edu/~jdonald/research/hyperthreading/wang\\_helper.pdf](http://www.princeton.edu/~jdonald/research/hyperthreading/wang_helper.pdf) - [Similar pages](#)

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to reduce overhead and shorten the **critical path** to com-. puting a problem instruction. ....

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Windows CE queues mutex, **critical** section, and **event** requests in .... a priority 0 **thread** does not lead to the worst-case **path** through NextThread. ...

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both static and **profile-based critical** load selection. We simulate a ..... trigger's PC (**critical path** access). Updating the THT is not in the ...

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Figure 5: IMPT speedup using **profile-based** vs. static **critical** load ..... the **critical path** and is indexed by the program slice's entry PC through a table ...

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dynamic energy for **criticality based thread** prediction and **criticality based** delayed ....

Recently, the **critical path based** analysis has been adopted by ...

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Get static information, e.g. 'measure **critical path**' ... track **based** (combined with visualization); **profile based** (no time reference); problem: strong ...

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on the **critical path**. In this paper we explore other im- ... or even select among different helper **threads based** upon. program phase—for example, ...

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Identify matching ENTER event; Filter **based** on call-**path** characteristics; Accumulate time or .... Lock competition caused by **critical** sections. Idle **Threads** ...

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done within the **critical** section; the record could be located .... The present work is **based** upon previous work on call. **path profiling**[5, 6], but there are ...

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Parallel computing is playing an increasingly **critical** role in advanced ... the scalability of **event** tracing uses call-**path profiling** to determine which ...

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